AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the prior application:

Claim 1. (original) A method of inhibiting angiogenesis in an animal suffering from an angiogenic disease, said method comprising administering to said animal 5-amino-2,2-dimethyl-6-[3'-(R,S) amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or an analog thereof.

Claim 2. (original) The method of claim 1, wherein the 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or analog thereof is administered in an amount of about 0.2μg to about 200g.

Claim 3. (original) The method of claim 1, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.

Claim 4. (original) The method of claim 1, wherein the animal is a human.

Claim 5. (original) The method of claim 3, wherein the inhibition of angiogenesis is by reduction of endothelial cell growth.

Claim 6. (original) The method of claim 3, wherein the inhibition of angiogenesis is by inhibition of endothelial cell division.

Claim 7. (currently amended) The method of claim 3, wherein the inhibition of angiogenesis is by ~~prevention~~ inhibition of tube/cord[[-like]] structure formation.

Claim 8. (original) The method of claim 3, wherein the inhibition of angiogenesis is by degradation of newly formed capillaries.

Claim 9. (original) The method of claim 3, wherein said angiogenic disease is cancer.

Claim 10. (original) The method of claim 3, wherein said angiogenic disease is arthritis.

Claim 11. (original) A method of treating cancer in an animal, said method comprising administering to said animal an analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.

Claim 12. (original) The method of claim 11, wherein the analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one is administered in an amount of about 0.2μg to about 200g.

Claim 13. (original) The method of claim 11, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a

position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.

Claim 14. (original) The method of claim 11, wherein the animal is a human.

Claim 15. (original) A method of treating arthritis in an animal, said method comprising administering to said animal an analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.

Claim 16. (original) The method of claim 15, wherein the analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one is administered in an amount of about 0.2μg to about 200g.

Claim 17. (original) The method of claim 15, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.

Claim 18. (original) The method of claim 15, wherein the animal is a human.